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DIKE, BRONSTEIN, ROBERTS & CUSHMAN, LLP 130 Water Street Boston, Massachusetts 02109

Attorney's Docket No.	
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## DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that: My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed at 201) below or an original, first and joint inventor (if plural names are listed at 201-208 below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

RE	CORDING AND	REPRODUCING APPARATUS AND RECORDING MEDIUM	
		·	
			<del></del>
	described and	claimed in:	
J	X	the specification attached hereto.	
		the specification in U.S. Application Serial Number, filed on	<u> </u>
TJ 		the specification in PCT international application Number, filed on; and was amended on	
ekamina priority below a	ded by any ame ation of this app benefits under and have also ide	hat I have reviewed and understand the contents of the above identified specification, including the ndment referred to above. I acknowledge the duty to disclose information which is material to the lication in accordance with Title 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate lentified below any foreign application for patent or inventor's certificate having a filing date before a priority is claimed.	ı isted

Prior Foreign/PCT Applications and Any Priority Claims Under 35 U.S.C. 119:				
Application No.	Filing Date	Country	Priority Claimed Under 35 U.S.C. 119?	
11–163135	June 09, 1999	Japan	XIYES □NO	
			□YES □NO	
			□YES □NO	
			□YES □NO	
			□YES □NO	
			□YES □NO	
			□YES □NO	

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below, and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 CFR §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:

Prior U.S. Applica	ations or PCT Interna	tional Applications Designating th	e U.S-Benefit	Under 35 U	.S.C. §120
	U.S. Application	ons	Status (Check One)		
Application	n Serial No.	U.S. Filing Date	Patented	Pending	Abandoned
<u>ជ</u> រា ហិ <b>P</b> C					
	T Applications Design	ating the U.S.			
Application No.	Filing Date	U.S. Serial No. Assigned			
H. 10 10 10 10 10 10 10 10 10 10 10 10 10					

## CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) (35 U.S.C. § 119(e))

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

Applicant	Provisional Application Number	Filing Date

**POWER OF ATTORNEY**: As a named inventor, I hereby appoint the following attorney(s) with full powers of association, substitution and revocation to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Sewall P. Bronstein	(Reg. No. 16,919)	Linda M. Buckley	(Reg. No. 31,003)	David S. Resnick	(Reg. No. 34,235)
David G. Conlin	(Reg. No. 27,026)	Ronald I. Eisenstein	(Reg. No. 30,628)	Peter F. Corless	(Reg. No. 33,860)
George W. Neuner	(Reg. No. 26,964)	Henry D. Pahl, Jr.	(Reg. No. 20,438)		
Ernest V Linek	(Reg. No. 29 822)	Perer I. Manus	(Reg. No. 26,766)		

**DIRECT TELEPHONE CALLS TO:** 

SEND CORRESPONDENCE TO:

## Dike, Bronstein, Roberts & Cushman, LLP 130 Water Street (617) 523-3400 Boston, Massachusetts 02109 FIRST NAME MIDDLE NAME FULL NAME LAST NAME OF INVENTOR Ogata Nobuo COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITIZENSHIP Nara Japan Japan Nara-shi STATE OR COUNTRY AND ZIP CODE POST OFFICE POST OFFICE ADDRESS CITY ADDRESS Nara 631-0035 Japan 5-705-4-310, Gakuennaka Nara-shi FIRST NAME MIDDLE NAME FULL NAME OF INVENTOR LAST NAME STATE OR FOREIGN COUNTRY COUNTRY OF CITIZENSHIP RESIDENCE & CITY CITIZENSHIP STATE OR COUNTRY AND ZIP CODE СПҮ POST OFFICE POST OFFICE ADDRESS ADDRESS MIDDLE NAME FULL NAME LAST NAME FIRST NAME OF INVENTOR COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITIZENSHIP CITY STATE OR COUNTRY AND ZIP CODE POST OFFICE POST OFFICE ADDRESS ADDRESS FIRST NAME MIDDLE NAME FULL NAME LAST NAME OF INVENTOR COUNTRY OF CITIZENSHIP STATE OR FOREIGN COUNTRY RESIDENCE & CITIZENSHIP STATE OR COUNTRY AND ZIP CODE POST OFFICE POST OFFICE ADDRESS CITY ADDRESS

	FULL NAME	LAST NAME	FIRST NAME	MIDDLE NAME
	OF INVENTOR	COST NAME	FIRST WANTE	, ALDOCE . ACME
	RESIDENCE & CITIZENSHIP	СПУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	СПҮ	STATE OR COUNTRY AND ZIP CODE
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	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
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	POST OFFICE ADDRESS	POST OFFICE ADDRESS	СПҮ	STATE OR COUNTRY AND ZIP CODE
U	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
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	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	СІТУ	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	СПҮ	STATE OR COUNTRY AND ZIP CODE

I hereby further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature of Inventor 201	Signature of Inventor 202
Nobuo Ogata	
Date:	Date:
May 10, 2000	